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Results of the Classical and Other Long-term Experiments 2022



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Classical and other
Long-Term Experiments
2022

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Weather Summaries

Rothamsted Research

Rothamsted Research (2024) *Weather Summaries* ; Results Of The Classical And Other Long-Term Experiments 2022, pp 43 - 44

Weather Summaries

Rothamsted Research																
The Weather : Monthly Summary : 2022																
(Departure from the 30 year means (1991 - 2020) in brackets)																
	Sunshine		Maximum			Minimum			Mean Temperatures °C		In ground under grass		Rain		Drainage	
	Hours	(hours)	°C	(°C)	°C	(°C)	°C	(°C)	Dew point °C	Ground frosts* #	30 cm °C	100 cm °C	mm	Tipping Bucket days** #	20" Total mm	Wind *** km/hr
January	86.3	(+22.40)	7.6	(+0.53)	0.8	(-0.74)	1.9	19	6.2	8.2	23.4	(-50.69)	16	13.8	7.4	
February	90.0	(+3.82)	9.9	(+2.36)	3.0	(+1.50)	3.7	14	6.6	7.6	79.0	(+22.04)	19	21.0	12.8	
March	167.0	(+38.58)	11.8	(+1.50)	3.4	(+0.58)	4.4	16	7.6	7.9	34.1	(-12.93)	13	6.9	7.8	
April	197.5	(+25.44)	14.2	(+0.78)	4.1	(-0.41)	5.1	15	9.5	9.2	20.8	(-33.19)	8	0.1	8.8	
May	195.1	(-8.24)	17.9	(+1.42)	8.4	(+1.06)	9.1	4	13.0	11.4	33.9	(-19.33)	14	0.1	6.6	
June	253.6	(+47.85)	20.8	(+1.29)	10.0	(-0.20)	9.8	2	15.2	13.5	43.8	(-10.99)	13	1.7	6.4	
July	254.5	(+47.68)	24.9	(+2.93)	13.1	(+0.79)	11.8	0	17.4	15.4	11.7	(-43.74)	5	0.1	6.4	
August	245.6	(+56.19)	25.2	(+3.55)	13.9	(+1.62)	13.1	0	18.3	17.0	41.4	(-30.58)	5	0.1	6.2	
September	127.0	(-23.73)	18.5	(-0.05)	10.6	(+0.42)	11.1	4	16.2	16.4	77.9	(+20.14)	16	21.6	5.2	
October	147.6	(+34.59)	16.8	(+2.51)	9.2	(+1.62)	10.8	5	13.2	14.0	101.0	(+19.68)	18	58.2	6.6	
November	77.0	(+4.77)	11.8	(+1.69)	6.5	(+2.24)	7.6	9	11.0	12.3	131.7	(+50.46)	24	75.0	7.5	
December	71.4	(+10.58)	6.4	(-0.97)	0.1	(-1.90)	1.6	21	6.5	8.8	67.9	(-7.70)	16	46.6	7.6	
Year	1912.5	(+259.93)	15.5	(+1.44)	6.9	(+0.53)	7.5	109.0	11.7	11.8	666.7	(-96.83)	167.0	20.4	7.5	

* Number of nights grass minimum was below 0.0 °C
 ** Number of days rain was 0.2 mm or more
 *** At 2 metres above the ground

Woburn Experimental Farm													
The Weather : Monthly Summary : 2022													
(Departure from 30-year means (1991 - 2020) in brackets)													
	Sunshine		Maximum				Mean Temperatures				Rain		Wind ***
	Hours	(hours)	°C	(°C)	°C	(°C)	Dew Point °C	Ground frosts* #	In ground under grass 30 cm °C	In ground under grass 100 cm °C	Total mm	Tipping bucket days** #	
January	69.3	(+9.41)	8.2	(+0.84)	0.4	(-1.10)	1.6	19	5.6	8.4	16.4	14	7.9
February	92.1	(+9.14)	10.5	(+2.50)	3.3	(+1.92)	3.7	14	6.6	7.7	73.1	20	13.4
March	167.8	(+41.11)	12.3	(+1.63)	2.5	(-0.07)	4.5	19	7.7	8.0	36.4	16	6.4
April	193.4	(+26.14)	14.8	(+0.97)	3.2	(-0.82)	5.1	16	9.7	9.0	11.4	7	8.1
May	201.8	(+1.27)	18.8	(+1.81)	8.4	(+1.60)	9.0	4	14.0	11.5	33.7	16	7.9
June	245.8	(+47.17)	21.2	(+1.27)	9.5	(-0.17)	9.8	1	16.7	13.9	45.1	13	7.2
July	237.0	(+39.38)	25.5	(+3.10)	12.4	(+0.53)	11.7	0	19.2	16.0	6.8	5	6.9
August	249.6	(+59.86)	25.5	(+3.41)	12.4	(+0.49)	13.0	0	19.8	17.5	35.4	4	6.5
September	121.4	(-21.85)	19.5	(+0.46)	9.9	(+0.16)	11.0	7	16.3	16.9	43.0	19	5.6
October	136.2	(+25.72)	17.5	(+2.83)	9.1	(+1.89)	10.7	5	12.8	14.5	77.5	21	7.7
November	58.9	(-10.32)	12.4	(+2.02)	6.8	(+2.79)	7.4	6	10.4	12.9	82.6	22	8.5
December	40.3	(-14.14)	6.7	(-0.94)	-0.3	(-2.06)	1.0	20	5.4	9.6	58.1	19	7.6
Year	1813.6	(+212.89)	16.1	(+1.63)	6.5	(+0.40)	7.4	111.0	12.0	12.2	519.6	176.0	7.8

* Number of nights grass minimum was below 0.0 °C

** Number of days rain was 0.2 mm or more

*** At 2 metres above the ground